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NPIC/TSG/RED/DB-46/72

MEMORANDUM FOR: Chief, Research & Engineering Division, TSG

SUBJECT : Completion of Contract [] to
Design and Develop a Prototype Optical
Equipment Test Kit

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1. This memorandum reports completion of a contract with []. A fixed price contract was initiated on 30 June 1971 with funding of [] for the purpose of designing, developing, and packaging a kit of optical equipment testing devices. The project was completed in January 1972.

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2. Under the terms of the contract [] was to design, develop, and package a prototype optical test kit for field use in the testing of image viewing systems. [] selected the several items to be included in the kit, tested the items for accuracy, wrote a manual of testing procedures, and subcontracted with a specialist for the packaging of the items into a complete kit. [] satisfactorily selected the required items and produced the packaged kit. The intention of the program was to produce a kit compact enough to allow being hand-carried aboard an airplane and allow storage beneath the standard aircraft seat. However, because of the large number of items to be included and rather inefficient packaging by the specialist subcontractor, the final kit became larger than intended and, although portable by hand, too large to fit under an aircraft seat.

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3. Overall performance of [] was rated as above average. They performed well in the selection of equipment, submitted required reports on time, and were responsive to requests and requirements. The size problem of the completed kit was not entirely the fault of []. They submitted the problem to a supposed specialist and the result was not entirely satisfactory.

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Test Kit

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4. The completed prototype test kit was submitted to TEB and several operational units for evaluation. As a result of this testing it was determined that some of the items could be discarded. A second version prototype test kit is being developed that should, by discarding the unnecessary items and with more efficient packaging, produce an optical equipment test kit of a more satisfactory size and capable of being transported beneath the standard aircraft seating.

[]
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CONCUR: []

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Chief,
Development Branch

Distribution:

Original - Addressee
2 - NPIC/TSG/RED/DB

NPIC/TSG/RED/DB/[] (31 July 1972)

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